

Conservation Scientists (19-1031)

Occupation description: Manage, improve, and protect natural resources to maximize their use without damaging the environment. May conduct soil surveys and develop plans to eliminate soil erosion or to protect rangelands. May instruct farmers, agricultural production managers, or ranchers in best ways to use crop rotation, contour plowing, or terracing to conserve soil and water; in the number and kind of livestock and forage plants best suited to particular ranges; and in range and farm improvements, such as fencing and reservoirs for stock watering. Excludes "Zoologists and Wildlife Biologists" (19-1023) and "Foresters" (19-1032).

Employment and Job Openings

	Average employment			Average annual openings		
	2010 estimate	2020 projection	Percent change	Growth	Replacement	Total
Alaska	355	372	4.8	2	7	9
United States	23,400	24,600	5.1	120	280	400

Job outlook

Alaska: Alaska's employment growth is low with moderate employment opportunities. [Read more.](#)

2013 Wages ?

	Mean Wage and 95% Confidence Interval			Wage by Percentile		
	Low	Mean	High	10th	Median	90th
United States	n/a	30.45	n/a	17.82	29.43	43.62
Alaska	42.13	43.67	45.21	26.58	40.95	62.53
Anchorage/Mat-Su Area (MSA)	44.27	47.04	49.81	25.75	46.97	67.22
Balance of State	35.65	36.80	37.95	26.57	37.33	43.36

Labor Force Indicators

2012 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
233	25	10.7	42.3	32.1

2012 Potential Supply

Qualified but working in another occupation	53
Currently employed in a lower paid occupation	10
UI claimants previously working in occupation	11

2012 ALEXsys Employment Data

Number of registrants	272
Number of job position postings	61
Ratio of registrants to job position postings	4.5

Typical Entry-level Education, Experience, and/or On-the-job Training

Education: Bachelor's degree

Work experience: None

On-the-job training: None

Training Resources

	Degree
Alaska Geographic	
Alaska Geographic Field Seminars	
Alaska Pacific University	Degree
Eco League Water Resource Management Certificate	Certificate
University of Alaska Fairbanks	Degree
Renewable Resources	AAS
Wildlife Biology & Conservation	BS
Wildlife Biology & Conservation	MS
Wildlife Biology & Conservation	PHD
University of Alaska Fairbanks, Bristol Bay	Degree
Renewable Resources	AAS
University of Alaska Fairbanks, Interior-Aleutians	Degree
Renewable Resources	AAS
University of Alaska Fairbanks, Kuskokwim	Degree
Renewable Resources	AAS
University of Alaska Southeast, Juneau	Degree
Geography & Environ Resources	BS
Vocational Training and Resource Center	Degree
Wildlife/Forestry Conservation	

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